True Facts

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Preface

This book's primary objective is to educate you about difficult/non-obvious (but nonetheless important) facts about the universe that you live in. This book is written with the spirit that you, monkeys, are able to learn. This book is also highly anticipated:

> "**Al-Caveman:** RobbieAB|work, would u read my book? **RobbieAB|work:** Depends how bored I am. **Al-Caveman:** ok. i take that as *yes*."
> — Freenode/#gentoo-chat-exile, 2015

> "**Al-Caveman:** DistantStar, u? **DistantStar:** okay. **Al-Caveman:** perfect." — Freenode/#gentoo-chat-exile, 2015

Contents

Chapter 1

History

You really must read this chapter. You can't just jump around to other sections while expecting that you know what's goin on. Okay maybe you can, but if you jump around then you are effectively most likely performing a less inefficient use of your time than if you heed my advise.

1.1   The Past

Some say that the whole thing started by something that caused a big explosion that resulted in lots of things some of which is making you exist.

Let's fast-forward and start from the point in time when monkeys started to exist. Monkeys have been fucking each other for some time, and by doing so they make more monkeys. Not all monkeys are alike. Some monkeys live long enough to fuck other monkeys, and some don't.

Turns out that the nature cares about only one thing: how well you survive. Simply, the reason why things look like the way they are now, is because this is the configuration that managed to keep existing.

There were some fascinating configurations, like the saber-toothed cat. But as such wasn't able to survive and got extinct in a glimpse. The nature didn't (and doesn't) give a damn rat's ass about how sexy the saber-toothed cats were to the catesses of that era.

1.2   The Present

Currently, what we see is a continuation of evolution as you've seen in the previous section on *The Past*. The evolution is made of two parts: 1) random mutations, and 2) natural-selection. This can be summarized into the following randomized algorithm[1]:

Algorithm 1 The algorithm that made you.
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for 1 ... t **do**
   if x survives **then**
      Keep it alive, and let it fuck around..
   else
      Let it die; i.e. make it into other things (conservatio law
   end if
end for

- Randomly shuffles stuff (e.g. particles) around. This results in new permutations of the stuff. One of the permutations that exist now is *you*.

- Test if the created permutations can live. If they can live then let them live, and if they can't thive then let them not live. Easy peasy.

Basically, that is some kind of an algorithm that some smarty folks would like to call a *randomized algorithm*. One question is, what would happen in the limit as time approaches infinity?

But before you go on, I assume that you know what is a randomized algorithm. If you don't, then DuckDuckGo it and come back after educating yourself about it.

1.3   The Future

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[1]Srsly DuckDuckGo randomized algorithms if you don't know.

Chapter 2

Good and Bad